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(54) Title: **METHOD AND APPARATUS FOR DETERMINING THE NATURE OF SUBMARINE RESERVOIRS**

(57) Abstract: A system for investigating subterranean strata. An electromagnetic field and a seismic event are applied from the same location and the responses are detected using respective receivers both located at a second location spaced from the first. The responses are combined to identify the presence and/or nature of subterranean reservoir. The refracted wave components are used.